

Title (en)
LIVE VACCINE COMPRISING MUTANT MSBB AND/OR HTRB GENES

Title (de)
LEBENDIMPFSTOFFE MIT MUTIERTEM MSBB UND/ODER HTRB GEN

Title (fr)
VACCIN VIVANT COMPRENANT GENES MUTANTS MSBB ET/OU HTRB

Publication
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Priority

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Abstract (en)
[origin: WO9833923A1] Nucleic acid for a mutant msbB or htrB gene derivable from Salmonella which results in loss of an msbB or htrB encoded protein, respectively, or loss of function of the protein, which in turn results in a lipid A molecule having reduced toxicity.

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A61K 39/02

IPC 8 full level
C07K 14/255 (2006.01); **A61K 39/00** (2006.01)

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Cited by
US10087451B2; US11471497B1; US9878023B1; US11219671B1; US10364435B1; US10954521B1; US9737592B1; US10828350B1; US11180535B1; US10501746B1; US10973908B1; US11406702B1; US11827890B1; US9200289B1; US9657085B1; US10590185B1; US11485773B1; US9616114B1; US10188722B2; US10449237B1; US10729731B1; US10828356B1; US11633435B1; US11813295B1

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